

UNITED STATES PATENT AND TRADEMARK OFFICE  
**CERTIFICATE OF CORRECTION**

PATENT NO. : 7,005,498 B1  
APPLICATION NO. : 09/806703  
DATED : February 28, 2006  
INVENTOR(S) : Lucilla Steinaa et al.

Page 1 of 6

It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

At Column 4, Line 10 "IFN-(," should read --IFN- $\gamma$ --.

At Column 14, Line 29, "1-0.2H 0.3H 0.4=0.976" should read  
--1 - 0.2 x 0.3 x 0.4 = 0.976--.

At Column 14, Line 55, " $N_j$ " should read -- $\phi_j$ --.

At Column 14, Line 64, " $N_1, N_2,$  and  $N_3$ " should read --" $\phi_1, \phi_2,$  and  $\phi_3$ --.

At Column 14, Line 67, " $B_i$ " should read -- $\pi_i$ --.

At Column 15, Line 7, " $A_j$ " should read -- $v_j$ --.

At Column 15, Line 11, "1- $B_i$ " should read --1- $\pi_i$ --.

At Column 15, Line 12, " $f_{residual\_i} = (p_i - B_i) / (1 - B_i)$ " should read  
-- $f_{residual\_i} = (p_i - \pi_i) / (1 - \pi_i)$ --.

At Column 17, Line 1, "FC(receptor" should read --FC $\gamma$  receptor--.

At Column 17, Line 1, "FC(RI" should read --FC $\gamma$ RI--.

At Column 17, Line 26, "interferon ((IFN-)" should read --interferon  $\gamma$   
(IFN- $\gamma$ )--.

At Column 18, Line 33, "integer  $\exists$  3" should read --integer  $\geq$  3--.

At Column 18, Line 33, "integers  $\exists$  0" should read --integers  $\geq$  0--.

At Column 18, Line 34, "is  $\exists$  1" should read --is  $\geq$  1--.

At Column 18, Line 36, "integers  $\exists$  0" should read --integers  $\geq$  0--.

At Column 18, Line 36, "is  $\exists$  1" should read --is  $\geq$  1--.

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At Column 19, Line 28, "integer  $\exists$  2" should read --integer  $\geq$  2--.

At Column 21, Line 27, "0.1:g to 2000:g" should read --0.1  $\mu$ g to 2000 $\mu$ g--.

At Column 21, Line 29, "0.5:g to 1000:g" should read --0.5 $\mu$ g to 1000 $\mu$ g--.

At Column 21, Line 30, "1:g to 500:g" should read --1 $\mu$ g to 500 $\mu$ g--.

At Column 21, Line 31, "10:g to 100:g" should read --10 $\mu$ g to 100 $\mu$ g--.

At Column 21, Line 66, "(-inulin" should read -- $\gamma$ -inulin--.

At Column 22, Line 24, "(-inulin" should read -- $\gamma$ -inulin--.

At Column 22, Line 59, "Fc(receptors" should read --Fc $\gamma$  receptors--.

At Column 22, Line 61, "anti-Fc(RI" should read --anti-Fc $\gamma$ RI--.

At Column 28, Line 18, "V-fetoprotein" should read -- $\alpha$ -fetoprotein--.

At Column 28, Line 35, " $\exists$ -catenin" should read -- $\beta$ -catenin--.

At Column 34, Line 5, "TGF-V" should read --TGF- $\alpha$ --.

At Column 34, Line 8, "TGF- $\exists$ " should read --TGF- $\beta$ --.

At Column 34, Line 13, "Thymosin  $\exists$  15" should read --Thymosin  $\beta$  15--.

At Column 34, Line 16, "TNF-V" should read --TNF- $\alpha$ --.

At Column 35, Line 58, "V-linked" should read -- $\alpha$ -linked--.

At Column 37, Line 9, "hCG $\exists$ " should read --hCG $\beta$ --.

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At Column 37, Line 22, "common  $\nabla$ -chain. The  $\exists$ -chain" should read

--common  $\alpha$ -chain. The  $\beta$ -chain--.

At Column 37, Line 23, " $\exists$ -chain" should read -- $\beta$ -chain--.

At Column 37, Line 24, "hCG $\exists$ " should read --hCG $\beta$ --.

At Column 37, Line 34, "TGF $\exists$ " should read --TFG $\beta$ --.

At Column 37, Line 53, "hCG $\exists$ " should read --hCG $\beta$ --.

At Column 37, Line 60, "hCG $\exists$ " should read --hCG $\beta$ --.

At Column 37, Line 62, "hCG $\exists$ " should read --hCG $\beta$ --.

At Column 37, Line 67, "hCG $\exists$ " should read --hCG $\beta$ --.

At Column 38, Line 5, "hCG $\exists$ " should read --hCG $\beta$ --.

At Column 38, Line 18, "hCG $\exists$ " should read --hCG $\beta$ --.

At Column 38, Line 20, "hCG $\exists$ " should read --hCG $\beta$ --.

At Column 38, Line 25, "hCG $\exists$ " should read --hCG $\beta$ --.

At Column 40, Line 12, "Fc(RI" should read --Fc $\gamma$ RI--.

At Column 48, Line 2, "5'63'" should read --5'  $\rightarrow$  3'--.

At Column 52, Line 2, "hPSM\_ (or hPSM'\_" should read --hPSM\_\_ (or  
hPSM'\_\_--.

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At Column 52, Line 28, "hPSMI\_ and hPSMII\_" should read --hPSMI\_ and hPSMII\_--.

At Column 52, Line 39, "PROS\_" should read --PROS\_--.

At Column 52, Line 44, "HIS-PROS\_" should read --HIS-PROS\_--.

At Column 52, Line 64, "(hPSMI)0.0)" should read --(hPSMI÷0.0)--.

At Column 53, Line 1, "hPSM)0.0" should read --hPSM÷0.0--.

At Column 53, Line 9, "hPSM'0.3" should read --hPSM'10.3--.

At Column 53, Line 33, "hPSM)cyt0.0" should read --hPSM÷cyt0.0--.

At Column 53, Line 41, "hPSM)0.0" should read --hPSM÷0.0--.

At Column 54, Line 24, "pPICZ V A" should read --pPICZαA--.

At Column 54, Line 25, "pGAPZ V A" should read --pGAPZαA--.

At Column 54, Line 27, "V-factor" should read --α-factor--.

At Column 54, Line 30, "hPSM)0.0" should read --hPSM÷0.0--.

At Column 54, Line 41, "hPSM)0.0" should read --hPSM÷0.0--.

At Column 56, Lines 45-66, "(") should read --÷--.

At Column 58, Line 24, "(these)cyt" should read --these ÷cyt gene--.

At Column 58, Line 32, "pPICZ V A and pGAPZ V A" should read --pPICZαA and pGAPZαA--.

At Column 58, Line 33, "hPSM)0.0" should read --hPSM÷0.0--.

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At Column 58, Line 52, "TNF $\forall$ " should read --TNF $\alpha$ --.

At Column 58, Line 63, "40:g" should read --40 $\mu$ g--.

At Column 59, Lines 19-20, "hPSM)0.0" should read --hPSM $\div$ 0.0--.

At Column 60, Line 15, "PROS)0.0" should read --PROS $\div$ 0.0--.

At Column 62, Lines 41-42, "(3-galactosidase)" should read -- $\beta$ -galactosidase--.

At Column 62, Line 53, "( $\exists$ -galactosidase)" should read -- $\beta$ -galactosidase--.

At Column 63, Line 6, ")" should read -- $\div$ --.

At Column 63, Line 7, ")" should read -- $\div$ --.

At Column 63, Line 61, "pcDNA3.1())" should read --pcDNA3.1( $\div$ )--.

At Column 66, Line 23, " $\forall$ -helix and  $\exists$ -sheet" should read -- $\alpha$ -helix and  $\beta$ -sheet--.

At Column 66, Line 41, " $\forall$ -helix or  $\exists$ -sheet" should read -- $\alpha$ -helix or  $\beta$ -sheet--.

At Column 72, Line 59, "100:g" should read --100 $\mu$ g--.

At Column 72, Line 60, "100:1 volume+100:1" should read --100 $\mu$ l volume+100 $\mu$ l--.

At Column 72, Line 61, "200:1" should read --200 $\mu$ l--.

At Column 73, Line 4, "50-100: 1" should read --50-100 $\mu$ l--.

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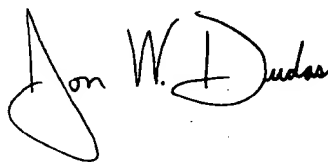
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It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

At Column 73, Line 6, "10-20:1" should read --10-20 $\mu$ l--.

Signed and Sealed this

Thirtieth Day of December, 2008

A handwritten signature in black ink, reading "Jon W. Dudas". The signature is stylized, with a large loop for the "J" and a cursive "Dudas".

JON W. DUDAS  
*Director of the United States Patent and Trademark Office*